

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): **Young-Kai Chen**
Andreas Leven

Case: **30-4**

Serial No.: **10/674722**

Filing Date: **September 30, 2003**

Examiner: Group Art Unit:

Title: **High Speed Modulation Of Optical Subcarriers**

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(b)

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement, with attached reference(s), is submitted for consideration in the above-identified application.

NO FEE IS REQUIRED

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Lucent Technologies Deposit Account No. 12-2325** as required to correct the error.

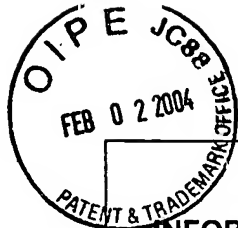
Respectfully,

John F. McCabe, Attorney
Reg. No. 42854
908-582-6866

Date: Jan. 27, 2004

Docket Administrator (Room 3J-219)
Lucent Technologies Inc.
101 Crawfords Corner Road
Holmdel, NJ 07733-3030

Date of Deposit	<u>January 27, 2004</u>
I hereby certify that this correspondence is being deposited with the United States Postal Service in a First Class Mail envelope on the date indicated above and is addressed to:	
Mail Stop	<u>Patent Application</u>
Commissioner for Patents	
P.O. Box 1450	
Alexandria, VA 22313-1450.	
Printed name of person mailing paper or fee	<u>Catherine F. Jagan</u>
Signature of person mailing paper or fee	

**INFORMATION DISCLOSURE STATEMENT**

Case Name.	Y. Chen 30-4
Serial No.	10/674722
Applicant:	Y. Chen, et al.
Filing Date:	September 30, 2003
Group:	

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
	AA	10/443,328		A. Leven			5/22/03
	AB	10/133,469		Y.K. Chen			4/26/02

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

	AC	Jemison, W.D., et al., "Microwave Photonic Vector Modulator for High-Speed Wireless Digital Communications," IEEE Microwave and Wireless Components Letters, Vol. 12, No. 4, pp. 125-127, April 2002.
	AD	McPherson, D.S., et al., "Vector Modulator for W-Band Software Radar Techniques," IEEE Transactions on Microwave Theory and Techniques, Vol. 49, No. 8, pp. 1451-1461, August 2001.
	AE	Chandramouli, S., et al., "Direct Carrier Modulation for Wireless Digital Communications Using an Improved Microwave-Photonic Vector Modulator (MPVM) Approach," IEEE MTT-S Digest, pp. 1293-1296, May 2002.
	AF	Leven, A., et al., "Microwave Photonic Vector Modulator," Lasers and Electro-Optics Society, 2003. LEOS 2003, the 16 th Annual Meeting of the IEEE, Vol. 2, pp. 935-936, 2003.
	AG	Walker, R.G., "High-Speed III-V Semiconductor Intensity Modulators," IEEE Journal of Quantum Electronics, Vol. 27, No. 3, pp. 654-667, March 1991.
	AH	Leuthold, J., et al., "Multimode Interference Couplers with Tunable Power Splitting Ratios," Journal of Lightwave Technology, Vol. 19, No. 5, pp. 700-707, May 2001.
	AI	Tucker, R.s., et al., "Optical Time-Division Multiplexing For Very High Bit-Rate Transmission," Journal of Lightwave Technology, Vol. 6, No. 11, pp. 1737-1749, November 1988.

***References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

***Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

EXAMINER	DATE CONSIDERED

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant